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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/728,841	12/08/2003	Kris Edward Hansen	005230.00007	9293
22907	7590	12/28/2004	EXAMINER	
BANNER & WITCOFF 1001 G STREET N W SUITE 1100 WASHINGTON, DC 20001			LE. TAN	
			ART UNIT	PAPER NUMBER
			3632	

DATE MAILED: 12/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/728,841	HANSEN, KRIS EDWARD
	Examiner	Art Unit
	Tan Le	3632

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 September 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,8-10 and 18-30 is/are pending in the application.
- 4a) Of the above claim(s) 1,8-10,23,26 and 30 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 24,25 and 29 is/are allowed.
- 6) ☒ Claim(s) 18-22 and 27-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

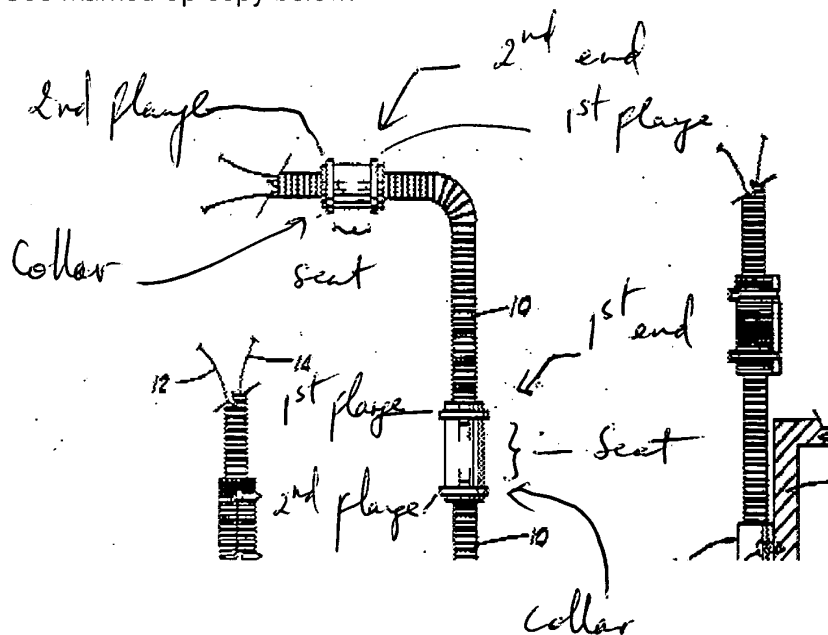
1. This is the second office action for serial number 10/728,841. This application contains 17 claims numbered 1, 8-10 and 18-30. Claims 2-7, 11-17 and 31-44 have been canceled. Claims 1, 8-10, 23, 26 and 30 have been withdrawn.

Claim Rejections - 35 USC § 102

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 18-22 and 27-28 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent No. 4,248,459 to Pate et al.

Pate et al. discloses a flexible conduit system comprising all the limitations as recited in claims 18-22 and 27-28 as evidently shown on Figs. 1, 4-7, or 8-11 for example. See marked-up copy below:



Allowable Subject Matter

3. Claims 24-25 and 29 will be allowed with the following suggestions:

Claim 24, line 4, between "elongated body", -- tubular -- should be inserted.

Claim 24, line 5, after "second ends", -- and extending through an opening into said tube -- should be inserted.

Claim 29, line 3, between "elongated body", -- tubular -- should be inserted.

Claim 29, line 4, after "its length", -- and extending through opening into said tube-- should be inserted.

Response to Arguments

4. Applicant's arguments filed 09/24/04 have been fully considered but they are not persuasive.

Applicant's argument with respect to Pate et al. in view of the amendment has been considered but they are not persuasive. Examiner respectfully submits that Pate et al. clearly shows all the limitations of claims 18-22 and 27-28 as evidently pointed out in the office action.

Applicant's argument with respect to the obviousness-type double patenting as being unpatentable over claims 14 and 16 of US patent No. 6,666,415 as presented on page 7 of the amendment is persuasive. The rejection under the doctrine of obviousness-type double patenting is therefore withdrawn. A cursory review of the prosecution history of the parent case, which is now patented number 6,666,514, indicated that the claims of instant application as filed are consonant with the restriction

requirement made by examiner. The rejection under the doctrine of obviousness-type double patenting as set forth in the previous action is therefore, now withdrawn.

Conclusion

5. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tan Le whose telephone number is (703) 305-8244.

The examiner can normally be reached on Mon-Fri. from 9:00Am-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leslie Braun can be reached on (703) 308-2156. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Tan Le
Patent examiner
December 16, 2004.



LESLIE A. BRAUN
SUPERVISORY PATENT EXAMINER